ZERO RETRIES

JOURNAL OF THE

Northwest Amateur Packet Radio Association

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NEW OFFICERS Officers were elected at the October 11, 1986 meeting at the BEARS Clubhouse. The officers for the coming year are:

President	Sam Sewell III, WN7ANK
Executive Vice President	Sperry Goodman, W7AZU
Technical Vice President	Bob Donnell, KD7NM
Secretary	Patricia Morgan, N7CAK
Treasurer	Budd Churchward, WB7FHC
Director at Large	Larry Babcock, WB7USL

Tom Hogan, WB7DCH accepted the remaining position of Director at Large as Past President.

MEETINGS The following meetings are scheduled.

Business Meeting	November 8, 1986 1:00 PM at the Radio Club of Tacoma Clubhouse
Technical Committee Meeting	November 8, 1986 Following Business Meeting at Radio Club of Tacoma
Board of Directors/Officers	To be Announced Normally the 3rd Thursday at Omni Restaurant, Kent

NEW LOOK FOR "ZERO RETRIES" The search for a new editor for "Zero Retries" has been unproductive. So, at the Board meeting on October 16, it was decided to publish a much less ambitious newsletter. Your editor pro tem is Sperry Goodman, W7AZU. I will try to publish something monthly. Any news that you want to contribute will be welcome. Telephone me at 854-9654, or leave something on the KE7OM Mailbox. de W7AZU

FROM THE TECHNICAL VP Remember everyone, the Technical Committee meeting of NAPRA for November will be held at the Radio Club of Tacoma's Clubhouse immediately following the Business Meeting. Also, Dennis, KB7DZ, has had both ports of our dual port digipeater on the air. Good work, Dennis! de KD7NM

Or This Inexpensive

It Really Shouldn't Be This Easy

Remember just a few years ago, how it took a roomful of equipment just to work RTTY. And if you wanted more than one mode it took a dedicated computer system costing thousands of dollars. The new AEA Pakratts are proving it doesn't take lots of equipment or money to enjoy working all bands in five different modes.

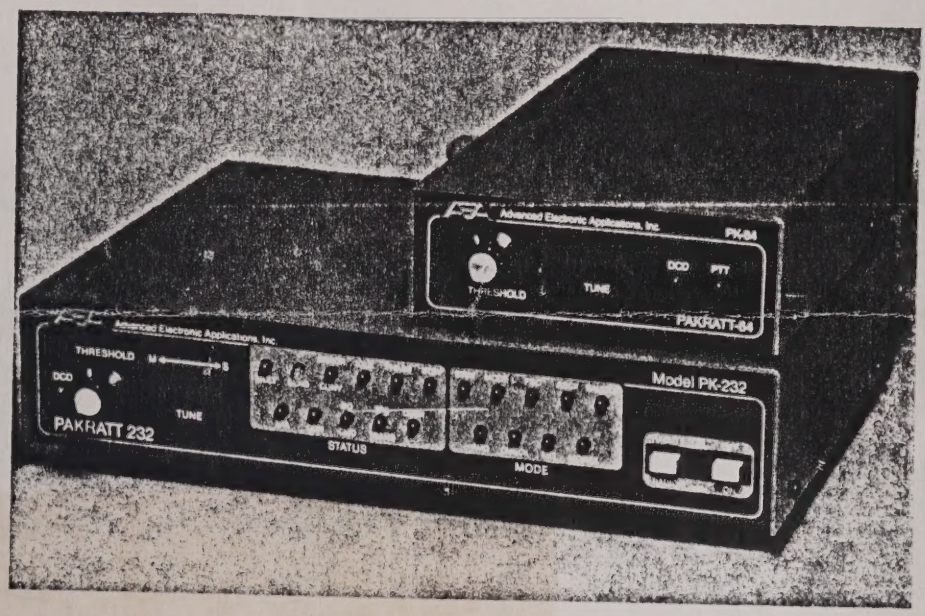
First, A Good Idea

The idea behind the Pakratt is very simple. One controller that does Morse, Baudot, ASCII, AMTOR, and Packet, and works both HF and VHF bands. Of course the decoding, protocol, and signal processing software must be included in the unit, and connection to the computer and transceiver have to be easy. The unit also has to be small and require only 12 volts, so it will work both in the shack and on the road.

Second, Computer Compatible

It doesn't matter what kind of computer you have, we have a Pakratt for you. The PK-64 works with the popular Commodore 64 or 128, and the PK-232 works with any other computer or terminal that has an RS-232 serial port. The PK-64 doesn't require any additional programs. Simply connect to the computer and transceiver and you're on the air. The PK-232 needs a terminal or modem program for your computer. The one you're using with your telephone modem will work just fine.

PAKRATT™ Model PK-64



PAKRATT™ Model PK-232

Third, Performance and Features

The real measure of any data controller is what kind of on-air performance it gives. While the PK-64 and PK-232 use different types of modems, both give excellent performance on VHF. The optional HF modem of the PK-64 uses independent four-pole Chebyshev filters for both Mark and Space tones, and A.M. detection. The HF option can be factory or field installed.

The PK-232 uses an eight-pole bandpass filter followed by a limiter discriminator with automatic threshold correction. The internal modem automatically selects the filter parameters, CW Fc = 800 Hz, BW = 200 Hz; HF Fc = 2210 Hz, BW = 450 Hz; VHF Fc = 1700 Hz, BW = 2600 Hz.

The PK-64 uses on screen indicators to show status, mode, and DCD (Data Carrier Detect) while the PK-232 uses front panel indicators. Both units use discriminator style tuning for HF operation. And that's just the tip of the iceberg. Features like multiple connects on packet, hardware HDLC, CW speed tracking, and other standard AEA software features are included in both the PK-64 and PK-232.

Fourth, AEA Quality and Price

Not many manufacturers like to discuss quality and price at the same time. AEA thinks you want high quality and low price in any product you buy, so that's what you get with the Pakratts. Ask any friend who owns AEA gear about our quality. The people who buy our products are our best salespeople. As for price, the PK-64 costs $219.95, or $319.95 with the HF option. The PK-64A, an enhanced software unit with a longer flexible computer cable, costs $269.95 or $369.95 with the HF option. The PK-232 costs $319.95 with the HF modem included. All prices are Amateur Net and available from your favorite amateur radio dealer. For more information contact your local dealer or AEA.

Prices and specifications subject to change without notice or obligation.

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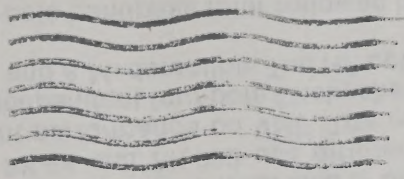

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